

SEQUENCE LISTING

<110> Bayer AG, BHC

<120> Diagnostics and Therapeutics for Diseases Associated with Kallikrein 11 (KLK11)

<130> Le A 36 873

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 753

<212> DNA

<213> Homo sapiens

<400> 1

atgaggatttc	tgcagttaat	cctgcttgct	ctggcaacag	ggctttagg	gggagagacc	60
aggatcatca	agggttcga	gtgcaaggcct	cactcccage	cctggcaggc	agccctgttc	120
gagaagacgc	ggctactctg	tggggcgacg	ctcatcgccc	ccagatggct	cctgacagca	180
gcccaactgcc	tcaagccccg	ctacatagtt	cacctggggc	agcacaacct	ccagaaggag	240
gagggctgtg	agcagaccccg	gacagccact	gagtccttcc	cccaccccg	cttcaacaac	300
agccctccca	acaaaagacca	ccgcaatgac	atcatgtgg	tgaagatggc	atcgccagtc	360
tccatcacct	gggctgtcg	accgcctcac	ctcttcac	gctgtgtcac	tgctggcacc	420
agctgcctca	tttccggctg	gggcagcacg	tccagccccc	agttaacgcct	gcctcacacc	480
ttgcgatcg	ccaacatcac	catcattgag	caccagaagt	gtgagaacgc	ctaccccccgc	540
aacatcacag	acaccatgg	gtgtgccagc	gtgcaggaag	ggggcaagga	ctcctggccag	600
ggtgactccg	ggggccctct	ggtctgtaac	cagtcttcc	aaggcattat	ctcctggggc	660
caggatccgt	gtgcgatcac	ccgaaaggcct	ggtgtctaca	cgaaagtctg	caaatatgtg	720
gactggatcc	aggagacgat	gaagaacaat	tag			753

<210> 2

<211> 250

<212> PRT

<213> Homo sapiens

<400> 2

Met Arg Ile Leu Gln Leu Ile Leu Leu Ala Leu Ala Thr Gly Leu Val						
1	5	10	15			
Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Pro His Ser						
20	25	30				
Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly						
35	40	45				
Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu						
50	55	60				
Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu						
65	70	75	80			
Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu Ser Phe Pro His Pro						
85	90	95				
Gly Phe Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met						
100	105	110				
Leu Val Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro						
115	120	125				
Leu Thr Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Leu Ile						
130	135	140				
Ser Gly Trp Gly Ser Thr Ser Ser Pro Gln Leu Arg Leu Pro His Thr						
145	150	155	160			
Leu Arg Cys Ala Asn Ile Thr Ile Ile Glu His Gln Lys Cys Glu Asn						
165	170	175				
Ala Tyr Pro Gly Asn Ile Thr Asp Thr Met Val Cys Ala Ser Val Gln						
180	185	190				

- 2 -

Glu Gly Gly Lys Asp Ser Cys Gln Gly Asp Ser Gly Gly Pro Leu Val
195 200 205
Cys Asn Gln Ser Leu Gln Gly Ile Ile Ser Trp Gly Gln Asp Pro Cys
210 215 220
Ala Ile Thr Arg Lys Pro Gly Val Tyr Thr Lys Val Cys Lys Tyr Val
225 230 235 240
Asp Trp Ile Gln Glu Thr Met Lys Asn Asn
245 250

<210> 3
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> forward primer

<400> 3
ggatccagga gacgatgaag

20

<210> 4
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> reverse primer

<400> 4
agtggaaatg gagggtgatg

20

<210> 5
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> probe

<400> 5
tagactggac ccacccacca cagc

24